

Fig. 3
(PRIOR ART)

Fig. 1
(PRIOR ART)

Fig. 2
(PRIOR ART)

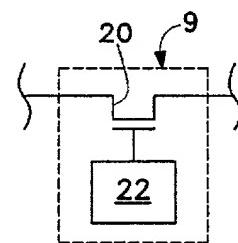


Fig. 4
(PRIOR ART)

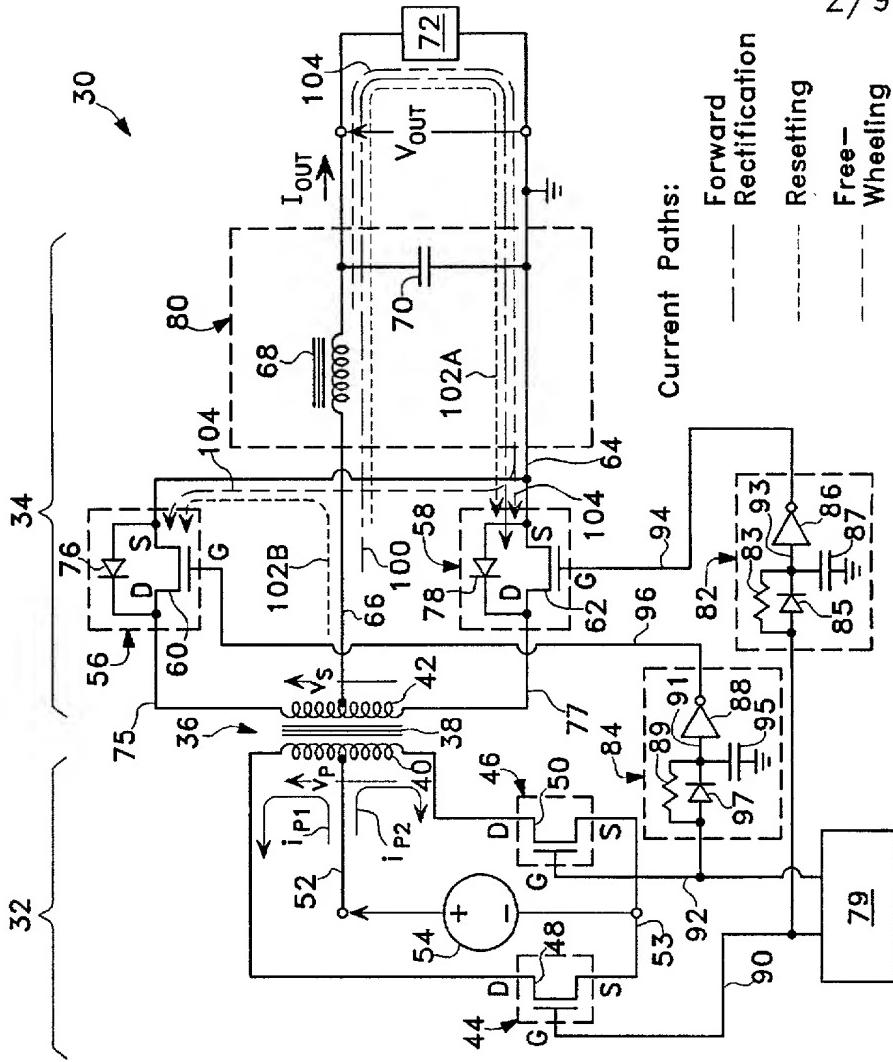
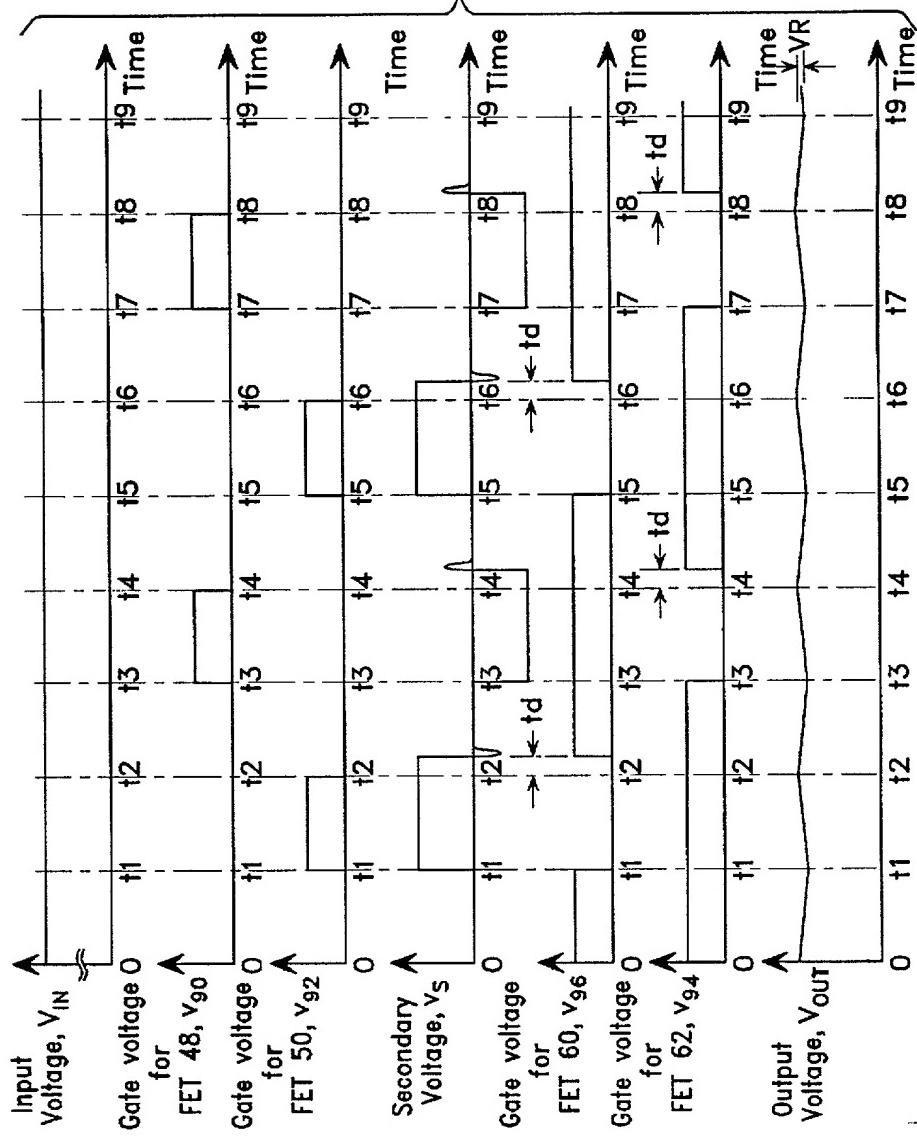


Fig. 5

Fig. 6



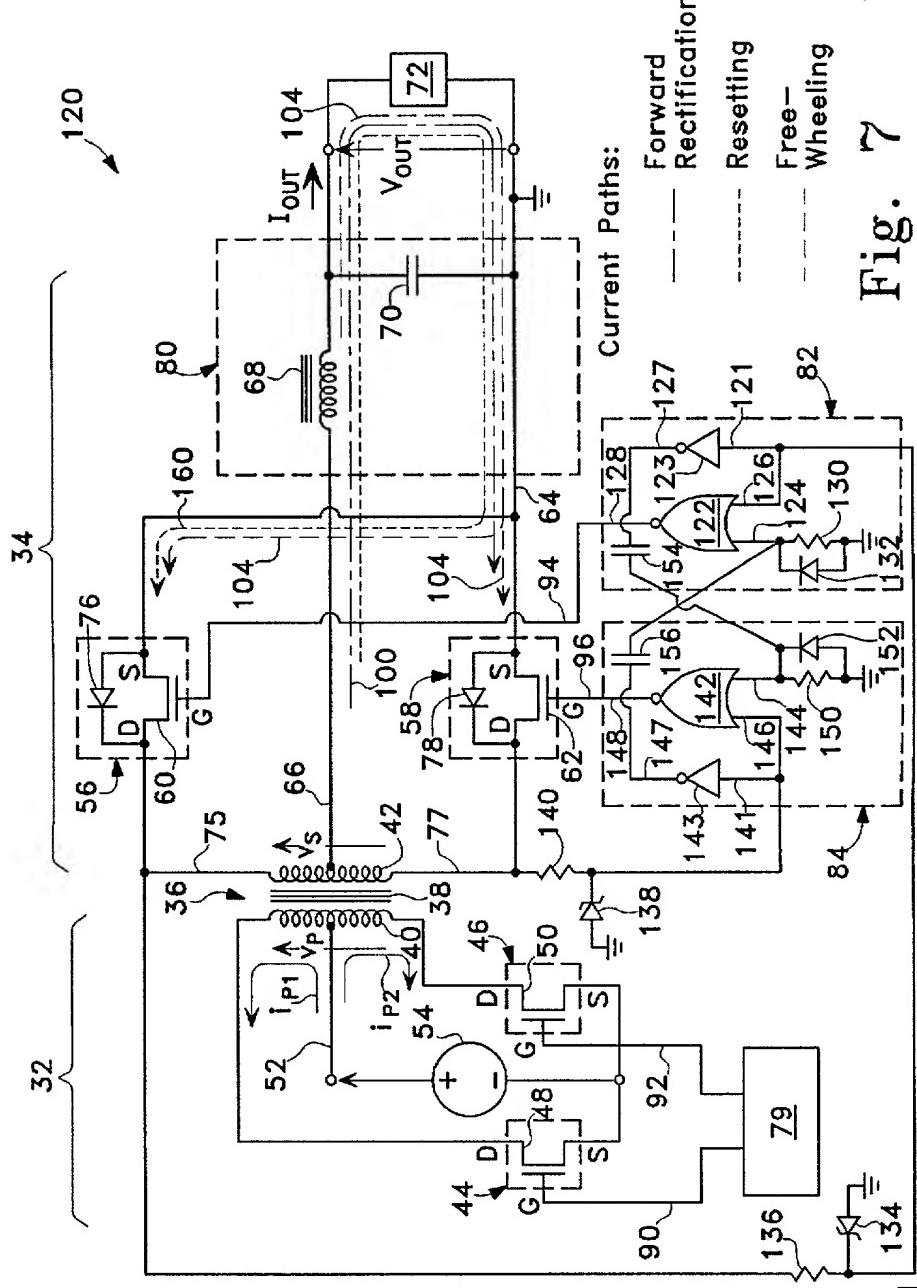


Fig. 7

Fig. 8

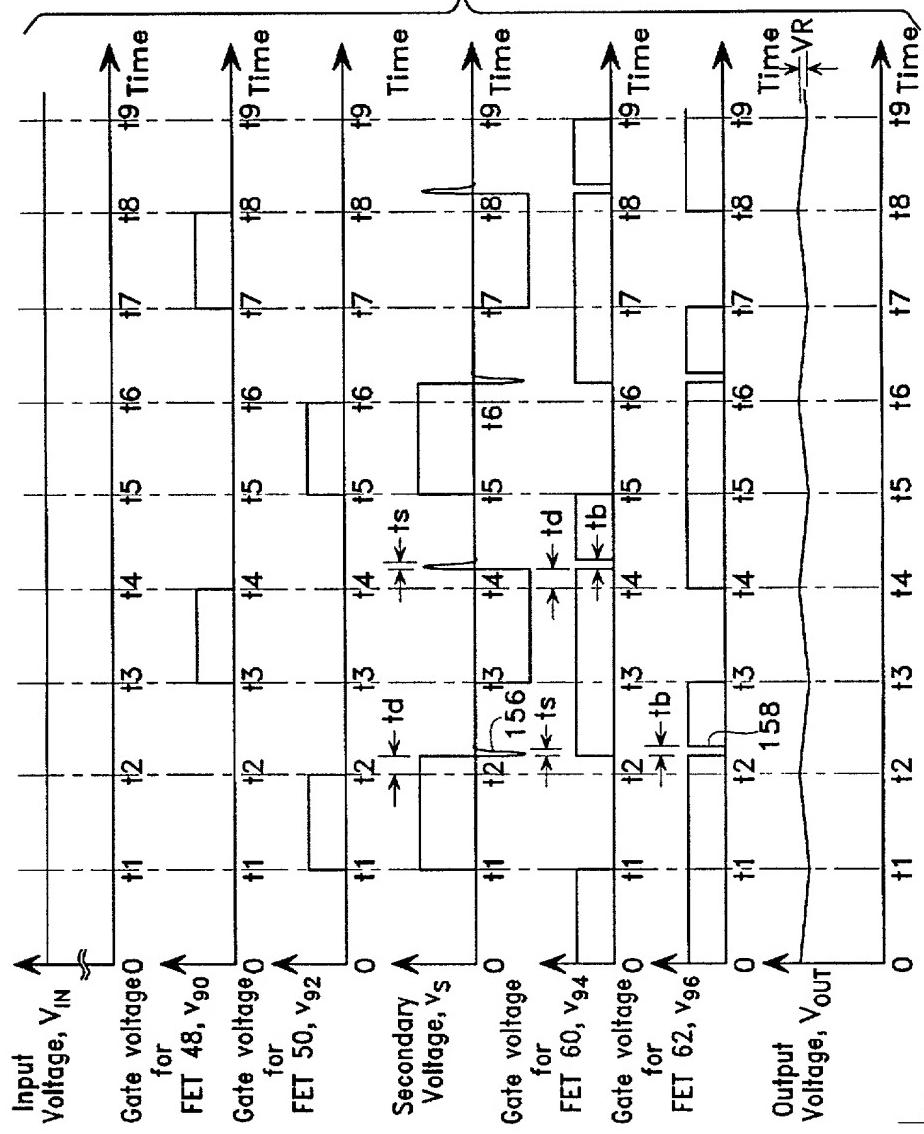
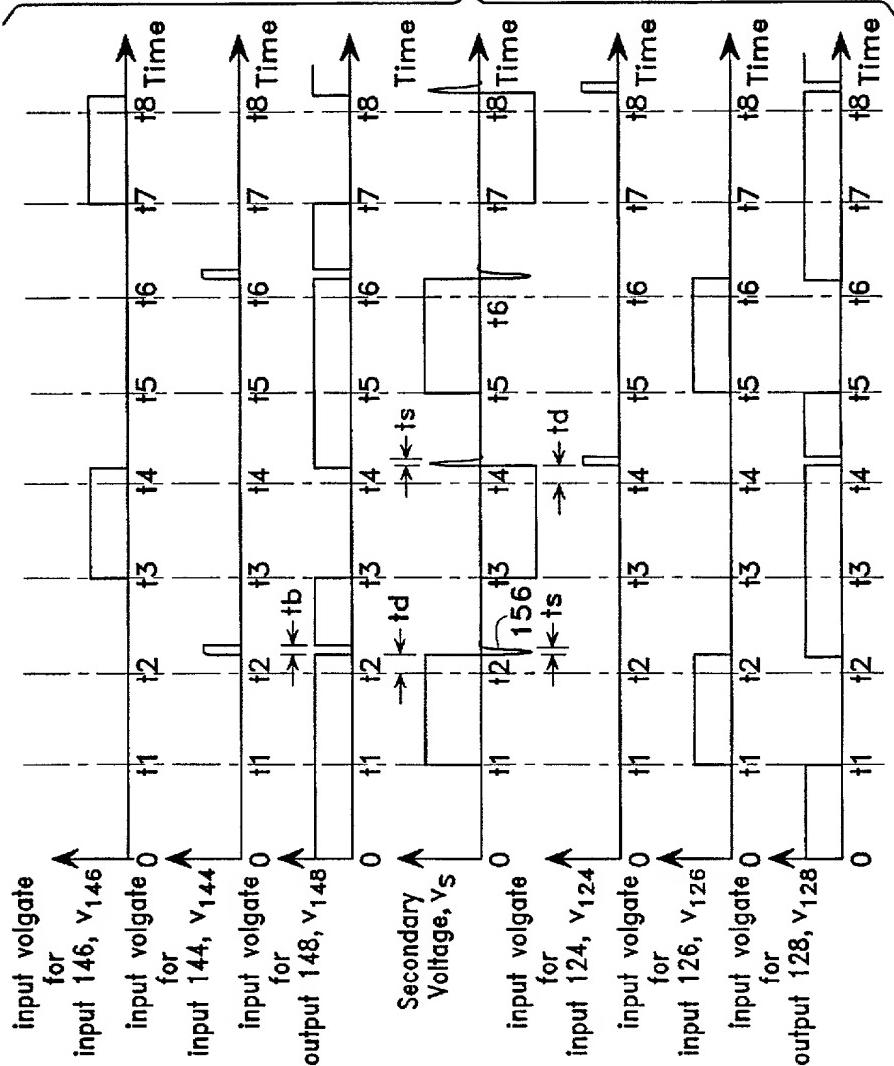


Fig. 9



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	time period, t	v ₉₀	v ₉₂	v ₁₂₄	v ₁₂₆ / ₉₄	v ₁₂₈	v ₁₄₄	v ₁₄₆	v ₁₄₈ / ₉₆
Initial	0 to t ₁	L	L	L	H	L	L	L	H
Forward Rectification	t ₁ to (t ₂ +t _d)	L	H	H	L	L	L	L	H
Resetting	(t ₂ +t _d) to (t ₂ +t _d +t _s)	L	L	L	H	H	H	H	L
Free-Wheeling	(t ₂ +t _d +t _s) to t ₃	L	L	H	L	H	L	L	H
Forward Rectification	t ₃ to (t ₄ +t _d)	H	L	L	H	H	H	H	L
Resetting	(t ₄ +t _d) to (t ₄ +t _d +t _s)	H	H	H	L	L	L	L	H
Free-Wheeling	(t ₄ +t _d +t _s) to t ₅	L	L	H	L	H	H	L	H

Fig. 10

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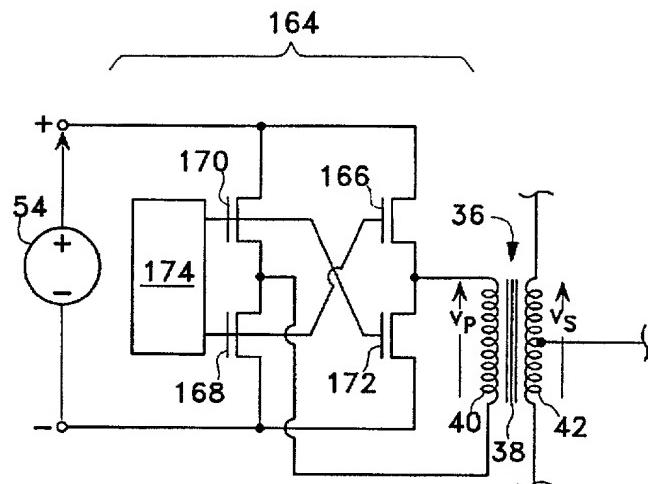


Fig. 11

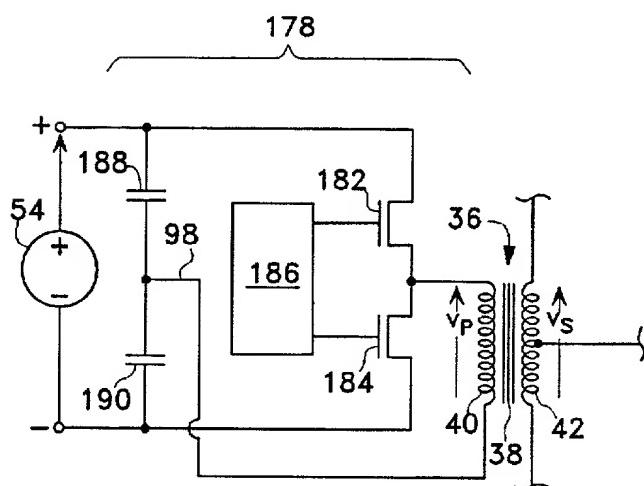


Fig. 12

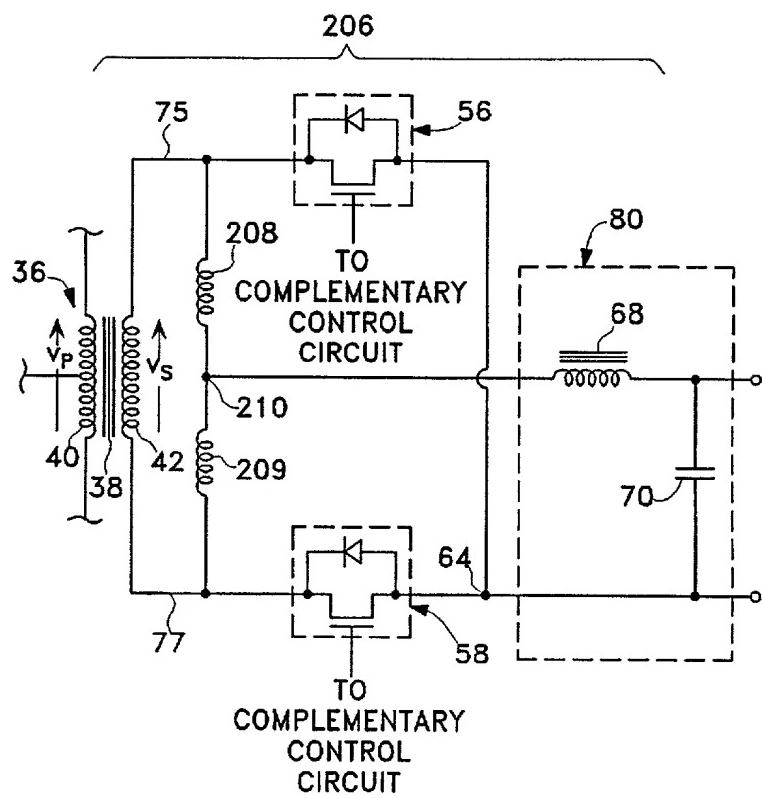


Fig. 13